

BEST AVAILABLE COPY

Form PTO 948 (Rev. 1-83)  
Application No.

09/589,666

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 6/8/00 are:

- A. approved by the Trademark Office under 37 CFR 1.84 or 1.152.  
B. ☒ submitted to by the Draftsperson under 37 CFR 1.83 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable:  
categories of drawings. Black ink or  
color (if not required).

Color drawings are not acceptable until permission is  
granted. Fig(s)  
Pencil and non-black ink not permitted. Fig(s)

2. PHOTOGRAPHS. 37 CFR 1.84(b)  
One (1) full-length is required. Fig(s)  
Photographs may not be mounted. 37 CFR 1.84(c)  
Photographs must meet paper size requirements of  
37 CFR 1.84(d). Fig(s)  
Poor quality (half-tone). Fig(s)

3. TYPE OF PAPER. 37 CFR 1.84(e)  
Paper not flexible, strong, white, and durable.  
Fig(s)  
Faintness, alterations, overwriting, misalignments,  
folds, copy machine marks not accepted.  
Fig(s)

4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable  
size:  
21.0 cm by 29.7 cm (DIN size A4) or  
21.6 cm by 27.9 cm (X 1/2X 11 inches)  
All drawing sheets not the same size.  
Sheet(s)

Drawings sheets not an acceptable size. Fig(s)  
5. MARGINS. 37 CFR 1.84(g). Acceptable margins:  
Top 2.5 cm (1 inch), Left 2.5 cm (1 inch), Right 1.0 cm  
(3/8 inch), Bottom 1.0 cm (3/8 inch).  
Margins not acceptable. Fig(s)  
Top (T) Left (L) Right (R) Bottom (B)  
1, 4, 5

6. VIEWS. 37 CFR 1.84(h)  
REMARKS: Specification may require revision to  
correspond to drawing changes, e.g., if Fig. 1 is  
changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the  
specification, in the Brief Description of the Drawings,  
must likewise be changed.

Views not shown separately or properly.  
Fig(s)

7. SECTIONAL VIEWS. 37 CFR 1.84(i)  
Sectional designation should be used with  
Arabic or Roman numbers. Fig(s)

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j)  
Views do not appear on a horizontal, left-to-right  
baseline when page is either upright or turned so  
that the top becomes the right side, except for  
graphs. Fig(s)

9. SCALE. 37 CFR 1.84(k)  
Scale not large enough to show mechanism  
without crowding when drawing is reduced in  
size to two-thirds its original size.  
Fig(s)

10. CHARACTER OF LINES, NUMBERS, &  
LETTERS. 37 CFR 1.84(l)  
Lines, numbers & letters not uniformly thick and  
well defined, clean, durable, unobscured (poor line  
quality). Fig(s)  
1-5

11. SHADING. 37 CFR 1.84(m)  
Solid black areas pale. Fig(s)  
Solid black shading not permitted. Fig(s)

12. NUMBERS, LETTERS, & REFERENCE  
CHARACTERS. 37 CFR 1.84(n)  
Numbers and reference characters not plain and  
legible. Fig(s)  
Figure legends are poor. Fig(s)  
Numbers and reference characters not oriented in  
the same direction in the views. 37 CFR 1.84(n)(1)  
Fig(s)

English alphabet not used. 37 CFR 1.84(p)(2)  
Fig(s)  
Numbers, letters and reference characters must be  
at least 3.2 mm (1/8 inch) in height. 37 CFR  
1.84(p)(1). Fig(s)

13. LEAD LINES. 37 CFR 1.84(q)  
Lead lines missing. Fig(s)

14. NUMBERING OF SHEETS OF DRAWINGS.  
37 CFR 1.84(r)

Sheets not numbered consecutively, and in Arabic  
numbers beginning with number 1. Sheet(s)

15. NUMBERING OF VIEWS. 37 CFR 1.84(s)  
Views not numbered consecutively, and in Arabic  
numbers beginning with number 1. Fig(s)

16. DESIGN DRAWINGS. 37 CFR 1.152  
Surface shading shown not appropriate.  
Fig(s)  
Solid black surface shading is not permitted except  
when used to represent like color black as well as  
color contrast. Fig(s)

COMMENTS:

Reviewer

A. D.

If you have questions, call (703) 305-2206.

Date

9/16/04

Attachment to Patent No.